

## Remarks

Claims 1-3, 5-37, 39, 40, 43 and 44 are now pending in this application. Applicants have amended claims 1, 5, 20, 21, 32, 37, 39 and 43, presented claim 44 and cancelled claims 4, 41 and 42 to clarify the claimed invention. Applicants respectfully request favorable reconsideration of this application.

Applicants have amended claim 39 to delete the word "and". Accordingly, Applicants respectfully request withdrawal of the objection to claim 39.

Applicants have amended claim 20 to change "robot control unit" to "supervisory controller". Applicants have amended claim 37 to delete the phrase "and/or". Accordingly, Applicants respectfully request withdrawal of the rejection under 35 U.S.C. § 112, second paragraph.

Applicants have amended claim 37 to recite a "non-transitory" computer readable medium. Accordingly, Applicants respectfully request withdrawal of the rejection under 35 U.S.C. § 101.

The Examiner indicated that claims 4, 5, 41 and 42 recite allowable subject matter. Applicants have amended claim 4 to recite the subject matter of claim 4 and claim 39 to recite the subject matter of claim 41. Applicants present new claim 44, which recites the subject matter of claims 39 and 42. Additionally, Applicants have amended independent claims 20, 37 and 43

to reflect indication of allowable subject matter by the Examiner. Accordingly, Applicants submit that all claims are now allowable.

The Examiner rejected claims 1-3, 6-8, 14, 20-24, 27, and 32-37 under 35 U.S.C. § 102(b) as being anticipated by U.S. patent publication 2003/0060810 to Syrowicz et al. The Examiner rejected claims 9, 11-13, 26, 39 and 40 under 35 U.S.C. § 103(a) as being unpatentable over Syrowicz et al. The Examiner rejected claims 31 and 34 under 35 U.S.C. § 103(a) as being unpatentable over Syrowicz et al. in view of U.S. patent publication 2004/0148058 to Johannessen. The Examiner rejected claims 10, 12, 13, 17-19, 25, 28-30, 40 and 43 under 35 U.S.C. § 103(a) as being unpatentable over Syrowicz et al. in view of U.S. patent publication 2002/0173877 to Zweig and further in view of U.S. patent publication 2004/0034448 to Siegers.

In view of the amendments to the claims, the rejections over the cited references are moot and Applicants respectfully request their withdrawal.

In conclusion, Applicants submit that this case is in condition for allowance and respectfully request favorable reconsideration of this case and issuance of the Notice of Allowance.

If an interview would advance the prosecution of this case, Applicants urge the Examiner to contact the undersigned at the telephone number listed below.

The undersigned authorizes the Commissioner to charge fee insufficiency and credit

overpayment associated with this communication to Deposit Account No. 22-0261.

Respectfully submitted,

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